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submitto=Biotech01@uspto.gov

Name=David Steadman

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Artunit=1652

Office=REM 2B05

Serialnum=09/902,651

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Search statement 1

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** SS 2: Results 1

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1/1 PLUSPAT - (C) QUESTEL-ORBIT- image
CPIM Questel-Orbit
PN - US5935832 A 19990810 [US5935832]
TI - (A) Farnesyl diphosphate synthase
PA - (A) TOYOTA MOTOR CO LTD (JP)
PA0 - Toyota Jidosha Kabushiki Kaisha, Toyota [JP]
IN - (A) NAKANE HIROYUKI (JP); OHTO CHIKARA (JP); OHNUMA SHINICHI (JP);
HIROOKA KAZUTAKE (JP); NISHINO TOKUZO (JP)
AP - US89856097 19970722 [1997US-0898560]
PR - JP21321196 19960724 [1996JP-0213211]
IC - (A) C07H-021/04 C12N-001/20 C12N-009/10 C12N-015/00
EC - C12N-009/10E1A
ICO - M12N-207/00
PCL - ORIGINAL (O) : 435193000; CROSS-REFERENCE (X) : 435252300 435254110
435320100 435325000 435410000 536023200
DT - Corresponding document
CT - EP0537553 A2; EP0674000 A2; EP0699761 A2; EP0733709 A2; JP409065878
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STG - (A) United States patent

AB - A mutant prenyl diphosphate synthase capable of synthesizing prenyl diphosphates, shorter than those synthesized by the original enzyme, by modifying the amino acid sequence in and upstream of the aspartic acid-rich domain DDXX(XX)D (X denotes any amino acid, and XX in the parentheses may not be present) present in region II of the prenyl diphosphate synthase.